

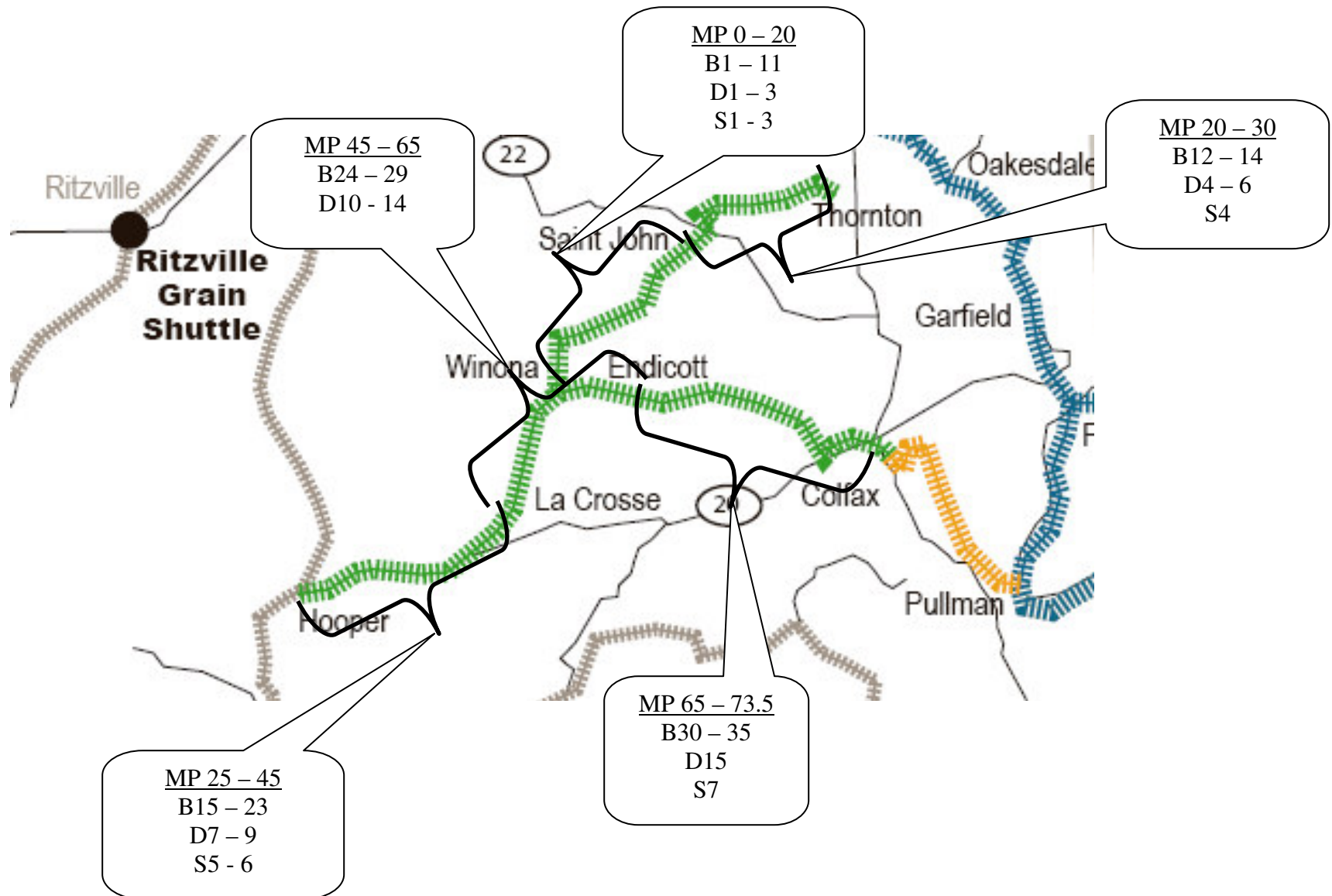
*30% Potential Projects & Cost Estimate List*

*PV Subdivision – Winona to Thorton (PV)*

*MP 0 – 31.8*

*Hooper Subdivision – Hooper Jct. to Colfax (H)*

*MP 25.9 – 73.5*



## WSDOT Task AI - PCC Rehab Project Definitions

*30% Potential Projects and Cost Estimate List*

*PV Subdivision - Winona to Thorton (PV)*

**MP 0 - 31.8**

*Hooper Subdivision - Hooper Jct. to Colfax (H)*

**MP 25.9 to 73.5**

### Bridge Items

Item	Location	Potential Project Items	Prevent Service Disruption Anticipated Within Two Years	Prevent Service Disruption Anticipated Within Five Years	Avoid Further Deterioration For Five Years
B1-PV	Br 1.51 Repairs				
		Headwall Repairs	\$12,000		
		Replace Bridge Tie	\$7,500		
		Replace Bridge Cap	\$3,500		
B2-PV	Br 7.21 Repairs				
		Shim Chord	\$1,600		
		Headwall	\$12,000		
		Replace Bridge Cap		\$3,500	
B3-PV	Br 7.73 Repairs				
		Replace Bridge Cap		\$3,500	

<b>B4- PV</b>	<b>Br 8.39 Repairs</b>				
		<b>Shim Chord</b>		<b>\$1,600</b>	
		<b>Replace Bridge Tie</b>	<b>\$18,000</b>		
<b>B5- PV</b>	<b>Br 8.72 Repairs</b>				
		<b>Headwall</b>	<b>\$6,000</b>		
<b>B6- PV</b>	<b>Br 11.04 Repairs</b>				
		<b>Post Tmbr Piling</b>		<b>\$2,000</b>	
		<b>Shim Pile</b>		<b>\$1,800</b>	
<b>B7- PV</b>	<b>Br 12.24 Repairs</b>				
		<b>Replace Bridge Cap</b>		<b>\$3,500</b>	
<b>B8- PV</b>	<b>Br 13.65 Repairs</b>				
		<b>Wingwalls</b>		<b>\$14,000</b>	
<b>B9- PV</b>	<b>Br 14.16 Repairs</b>				
		<b>Remove Brush</b>	<b>\$500</b>		
<b>B10- PV</b>	<b>Br 15.49 Repairs</b>				
		<b>Shim Chord</b>		<b>\$800</b>	
<b>B11- PV</b>	<b>Br 18.13 Repairs</b>	<b>Replace Bridge Handrails</b>	<b>\$5,300</b>		
		<b>Replace Bridge Cap</b>		<b>\$3,500</b>	
<b>B12-</b>	<b>Br 20.50 Repairs</b>				

<b>PV</b>					
		<b>Shim Chord</b>		<b>\$800</b>	
<b>B13-PV</b>	<b>Br 22.96 Repairs</b>				
		<b>Replace Guard Timber</b>		<b>\$2,280</b>	
<b>B14-PV</b>	<b>Br 24.91 Repairs</b>				
		<b>Post Tmbr Piling</b>	<b>\$4,000</b>		
<b>B15-H</b>	<b>Br 26.47 Repairs</b>				
		<b>Replace Bridge Handrails</b>		<b>\$2,250</b>	
		<b>Walkways</b>	<b>\$6,750</b>		
<b>B16-H</b>	<b>Br 32.72 Repairs</b>				
		<b>Post Tmbr Piling</b>		<b>\$4,000</b>	
<b>B17-H</b>	<b>Br 33.17 Repairs</b>				
		<b>Walkways</b>	<b>\$3,150</b>		
<b>B18-H</b>	<b>Br 33.71 Repairs</b>				
		<b>Surface Dumps</b>	<b>\$7,000</b>		
		<b>Wingwalls</b>		<b>\$7,000</b>	
		<b>Walkways</b>		<b>\$9,000</b>	
<b>B19-H</b>	<b>Br 33.90 Repairs</b>				
		<b>Shim Chord</b>		<b>\$800</b>	
<b>B20-</b>	<b>Br 33.99 Repairs</b>				

<b>H</b>					
		<b>Surface Dumps</b>	<b>\$7,000</b>		
		<b>Place Riprap</b>		<b>\$3,600</b>	

<b>B21- H</b>	<b>Br 36.91 Repairs</b>				
		<b>Walkways</b>	<b>\$9,000</b>		
		<b>Place Riprap</b>		<b>\$3,600</b>	
		<b>Replace Bridge Cap</b>		<b>\$3,500</b>	
		<b>Replace Bridge Tie</b>	<b>\$18,000</b>		
<b>B22- H</b>	<b>Br 37.22 Repairs</b>				
		<b>Walkways</b>	<b>\$9,000</b>		
<b>B23- H</b>	<b>Br 44.78 Repairs</b>				
		<b>Surface Dumps</b>	<b>\$7,000</b>		
		<b>Post Tmbr Piling</b>		<b>\$4,000</b>	
		<b>Shim Chord</b>		<b>\$800</b>	
<b>B24- H</b>	<b>Br 52.00 Repairs</b>				
		<b>Walkways</b>	<b>\$14,700</b>		
		<b>Replace Bridge Cap</b>	<b>\$10,500</b>		
		<b>Shim Pile</b>		<b>\$2,400</b>	
<b>B25- H</b>	<b>Br 52.64 Repairs</b>				
		<b>Replace Bridge Cap</b>	<b>\$3,500</b>		
		<b>Replace Tmbr Bridge Stringer</b>		<b>\$6,000</b>	
<b>B26-</b>	<b>Br 55.25 Repairs</b>				

<b>H</b>					
		<b>Install Subcap</b>		<b>\$3,500</b>	
<b>B27-H</b>	<b>Br 56.10 Repairs</b>				
		<b>Surface Dumps</b>		<b>\$7,000</b>	
<b>B28-H</b>	<b>Br 57.22 Repairs</b>				
		<b>Replace Bridge Tie</b>		<b>\$2,500</b>	
		<b>Surface Dumps</b>	<b>\$7,000</b>		
<b>B29-H</b>	<b>Br 64.94 Repairs</b>				
		<b>Replace Bridge Cap</b>	<b>\$7,000</b>		
		<b>Surface Dumps</b>		<b>\$3,500</b>	
<b>B30-H</b>	<b>Br 65.52 Repairs</b>				
		<b>Replace Subcap</b>	<b>\$3,500</b>		
		<b>Shim Pile</b>		<b>\$1,800</b>	
		<b>Surface Dumps</b>	<b>\$7,000</b>		
<b>B31-H</b>	<b>Br 66.74 Repairs</b>				
		<b>Replace Bridge Tie</b>	<b>\$24,000</b>		
		<b>Surface Dumps</b>	<b>\$7,000</b>		
<b>B32-H</b>	<b>Br 67.77 Repairs</b>				
		<b>Replace Bridge Cap</b>		<b>\$3,500</b>	
<b>B33-H</b>	<b>Br 68.83 Repairs</b>				

		<b>Shim Chord</b>		<b>\$800</b>	
		<b>Replace Bridge Cap</b>		<b>\$3,500</b>	

<b>B34-H</b>	<b>Br 71.38 Wye Repairs</b>				
		<b>Surface Dumps</b>	<b>\$7,000</b>		
<b>B35-H</b>	<b>Br 77.27 Wye Repairs</b>				
		<b>Walkways</b>	<b>\$6,750</b>		

## Drainage / Ditching Items

<b>D1-PV</b>	<b>MP 15 Area Ditching</b>				<b>\$7,392</b>
<b>D2-PV</b>	<b>MP 12 -15 Area Ditching</b>				<b>\$55,440</b>
<b>D3-PV</b>	<b>MP 16 -18 Area Ditching</b>				<b>\$36,960</b>
<b>D4-PV</b>	<b>MP 19 - 23 Area Ditching</b>				<b>\$55,440</b>
<b>D5-PV</b>	<b>MP 27 Area Ditching</b>				<b>\$55,440</b>
<b>D6-PV</b>	<b>MP Area Ditching</b>				<b>\$36,960</b>
<b>D7-H</b>	<b>MP 31 -32 Area Ditching</b>				<b>\$18,480</b>
<b>D8-H</b>	<b>MP 34 Area Ditching</b>				<b>\$18,480</b>

<b>D9-H</b>	<b>MP 38 -39 Area Ditching</b>				<b>\$18,480</b>
<b>D10-H</b>	<b>MP 45 -47 Area Ditching</b>				<b>\$9,240</b>
<b>D11-H</b>	<b>MP 49 -52 Area Ditching</b>				<b>\$27,720</b>
<b>D12-H</b>	<b>MP 53 -55 Area Ditching</b>				<b>\$27,720</b>
<b>D13-H</b>	<b>MP 60 Area Ditching</b>				<b>\$18,480</b>
<b>D14-H</b>	<b>MP 65 Area Ditching</b>				<b>\$18,480</b>
<b>D15-H</b>	<b>MP 67 Area Ditching</b>				<b>\$36,960</b>

## Track and Spot Repair

<b>S1-PV</b>	<b>MP 0 -12 Repairs</b>				<b>\$54,960</b>
		<b>Ditching</b>			
		<b>Rehab Pvt Crossing Track</b>			
		<b>Furnish and Install new timber surface</b>			
		<b>Rehab Pub Crossing Track</b>			
		<b>Furnish and Install new timber surface</b>			
<b>S2-PV</b>	<b>MP 0 -12 Repairs</b>		<b>\$231,739</b>		
		<b>Furnish &amp; Install 5.5" or 6" Base Relay Rail (0.66 miles)</b>			

		Surface Line and Dress Track			
<b>S3-PV</b>	<b>MP 12 - 15 Repairs</b>			<b>\$164,760</b>	
		Furnish & Install Cross Ties			
		Ditching			
		Furnish & Unload Ballast			
		Surface Line and Dress Track			
		Perform Minor Joint Rehab			
		Rehab Pvt Crossing Track			
		Furnish and Install new timber surface			
<b>S4-PV</b>	<b>MP 22 to 25.5 Repairs</b>			<b>\$168,300</b>	
		Furnish & Install Cross Ties			
		Ditching			
		Furnish & Unload Ballast			
		Surface Line and Dress Track			
		Perform Minor Joint Rehab			
		Rehab Pvt Crossing Track			
		Furnish and Install new timber surface			
		Rehab Pub Crossing Track			
		Furnish and Install new timber surface			
<b>S5-H</b>	<b>Hooper Yard Surface</b>		<b>\$31,550</b>		
		Surface Line and Dress Track			
		Furnish & Unload Ballast			
<b>S6-H</b>	<b>MP26.5 to 35 Surface</b>				<b>\$156,920</b>
		Surface Line and Dress Track (1 Pass)			
		Perform Minor Joint Rehab			
		Furnish & Unload Ballast			

		<b>Rehab Pvt Crossing Track</b>			
		<b>Furnish and Install new timber surface</b>			

<b>S7-H</b>	<b>MP 72 -72.3 Repairs</b>		<b>\$77,474</b>		
		<b>Furnish &amp; Install Cross Ties</b>			
		<b>Perform Minor Joint Rehab</b>			
		<b>Ditching</b>			
		<b>Furnish &amp; Unload Ballast</b>			
		<b>Surface Line and Dress Track</b>			
		<b>Rehab Pub Crossing Track</b>			
		<b>Furnish and Install new timber surface</b>			